

From: [Jay Field](#)
To: rgensemer@parametrix.com; [Eric Blischke/R10/USEPA/US@EPA](#)
Cc: [Benjamin Shorr](#); [Robert Neely](#); [Ron Gouquet](#)
Subject: Re: [Fwd: Fwd: Revised Risk Screening Table]
Date: 12/18/2006 06:23 PM
Attachments: [fpm_sqv_revised.xls](#)

Bob & Eric,
FYI, ppb are the units for the T50 for diesel and ppm for FPM. also, the revised FPM values are included in the attached file.
Jay

Benjamin Shorr wrote:

FYI.

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Benjamin Shorr
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benjamin.shorr@noaa.gov
http://response.restoration.noaa.gov/orr_about.php

Subject: Fwd: Revised Risk Screening Table
From: Robert Gensemer <rgensemer@parametrix.com>
Date: Mon, 18 Dec 2006 14:35:43 -0800
To: Benjamin.Shorr@noaa.gov
To: Benjamin.Shorr@noaa.gov

Here is the draft table--still doing QA, so don't start pulling data yet. In particular, I'd like your opinion on spreadsheet format.
-Bob

Robert W. Gensemer, Ph.D.
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rgensemer@parametrix.com

Subject: Revised Risk Screening Table
From: Blischke.Eric@epamail.epa.gov
Date: Thu, 14 Dec 2006 15:36:53 -0800

To: rgensemer@parametrix.com, csmith@parametrix.com,
Davoli.Dana@epamail.epa.gov, Shephard.Burt@epamail.epa.gov
To: rgensemer@parametrix.com, csmith@parametrix.com,
Davoli.Dana@epamail.epa.gov, Shephard.Burt@epamail.epa.gov
CC: Humphrey.Chip@epamail.epa.gov

I have updated the table:

- 1) Incorporated a number of TELs (from the NOAA SQRT) and MacDonald
TECs. I created a hierarchy for non-site specific SQGs -
TECs/PECs,
TECs/PELs, JSCS values.
- 2) Updated the dietary TRVs per our direction to LWG. This
resulted in
adding dietary TRVs for DDT, Pb and Cr (Mammals) and DDE (Birds).
- 3) Confirmed and revised the tissue PRGs for human health. Fish
tissue
PRGs are based on tribal scenarios - adult for carcinogens and
child for
non-carcinogens; shell fish are based on standard adult
(carcinogen) and
child (non carcinogen) 17.5 g/day.
- 4) Added dietary dose based TRVs for fish.

I have the following questions:

- 1) Is there a mercury fish consumption water screening number for
human
health? AWQCs are based on fish tissue concentrations. Eco
numbers are
available.
- 2) I am not sure what to do about TPH. The numbers we used
previously
seem too conservative.
- 3) Do we have dietary TRVs applicable to birds and mammals TEQ
PCBs?
- 4) How do we or should be include an egg TRVs for birds? I note
that
we included direction to the LWG to use an egg TRV of 0.3 mg/kg
for PCBs
- 5) What aquatic tissue TRV should we use for PCBs? The long
accepted
value (Fox River and Hudson River) is 0.72 mg/kg. A case can be
made
for using 0.2 mg/kg based on a species sensitivity distribution.

I want this list of chemicals to serve as the basis for our
subsequent
screening efforts. If you want to add any chemicals for any
pathway,
please let Bob and I know by COB on Monday. It is likely that we
will
need prioritize this list further but I want to make sure we have
a good
starting point. In addition, we will have the ability to add
chemicals
later if we feel it is critical to our evaluation. I would also
like to
schedule a meeting to discuss this list and our next steps early
next
week. I will be out of the office beginning tomorrow and
returning
Thursday. However, I am available via cell phone - (b) (6)
any
time to talk and on Friday, Tuesday and Wednesday for a conference
call.

Thanks, Eric

(See attached file: RiskParameters.xls)

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